

## INFORMATION PROCESSING SYSTEM

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Inventor(s): ODAGIRI SHUNJI  
Applicant(s):: OKI ELECTRIC IND CO LTD  
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### Abstract

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**PROBLEM TO BE SOLVED:** To prevent a device from becoming inoperative by controlling the initial operation of a peripheral device and the down-loading of a firmware by a start program, automatically updating the firmware and performing redoing even when updating fails.

**SOLUTION:** In a storage part 15 of a host device 3, a firmware 16 of a latest version is transferred from a host system 3 and written. At the time of starting the peripheral device 4, a start program 14 is operated and the version of the firmware 13 used until then and the version of the firmware stored in the storage part 15 of the host device 3 are compared. In the case that the versions are different, the firmware 16 of the latest version is down-loaded from the host device 3 and a flash memory 9 is reloaded. When reloading is ended, the operation is shifted to the firmware 13 and the original operation of the device is started.

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